Property Reserve No. Probes



Overview

- Ideal for use with ovens, freezers, ducts, or anywhere through the wall temperature sensing is required.
- 100 ohm platinum RTD 3-wire element
- · Class A accuracy
- 1/4" diameter, 316 SS sheath to protect against harsh environments
- 6", 12", or 18" probe lengths
- Mounting is accomplished using the conveniently attached round mounting flange
- 6-foot lead wires with stainless steel overbraid
- · Made in the USA

RTD Flange Mount Probes											
Part Number	Pcs/Pkg	Wt (lb)	Price	Туре	Probe Insertion Length	Probe Material	Temperature Sensing Range	Mounting			
RTD1-F06L06-01	1	0.44	\$82.00	PT 100, Class A, 3-wire	6"	316 stainless steel	-40 to 316°C (-40 to 600°F)	1" diameter 1/16" thick 304 stainless steel flange (2x -			
RTD1-F12L06-01	1	0.44	\$84.00		12"						
RTD1-F18L06-01	1	0.44	\$87.00		18"			ø0.144" mounting holes 0.75" spacing)			

Technical Specifications						
Sensing Element	Single 100Ω platinum (Pt 100), 3-wire; TCR = $0.00385\Omega/\Omega/^{\circ}$ C					
Initial Accuracy	Class A ±[0.15 +0.002 t] °C					
Probe	1/4" O.D., 316 stainless steel sheath					
Minimum Installation Depth	3" (76mm)					
Probe Minimum Bend Radius	Not bendable					
Response Time	7 seconds, 63% of a 25 to 77°C step change (ASTM E1137)					
Wiring	6 foot stranded 24 AWG wire leads with stripped ends, Kapton insulation and stainless steel overbraid					

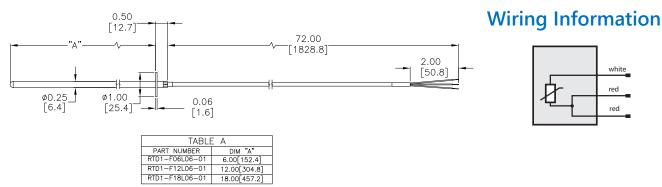


Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

Dimensions

inches [mm]

RTD1-FXXL06-01



Proberties RTD Flange Mount Probe - Accessories

Accessories

Part No.	Description	Pcs/Pkg	Price
	RTD 3-pin connector, standard round pin plug, maximum continuous temperature 400°F (200°C), white body, copper pins, 14 AWG maximum (2.0 mm) wire size	1	\$9.25
RTD-SJ	RTD 3-pin connector, standard round pin jack, maximum continuous temperature 400°F (200°C), white body, copper pins, 14 AWG maximum (2.0 mm) wire size	1	\$12.00
WCB-S	Wire / cable clamp bracket for use with standard thermocouple and RTD connectors	4	\$12.00

Note: RTD extension lead wire available at www.automationdirect.com
See end of section for full listing of accessories and dimension information.

RTD-SJ RTD-SP

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RTD Connectors

www.automationdirect.com Temperature Sensors tTRS-81